

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 January 2004 (29.01.2004)

PCT

(10) International Publication Number
WO 2004/010141 A1

(51) International Patent Classification⁷: **G01N 33/53**,
33/567, A61K 38/00, C07K 1/00, 2/00, 4/00, 5/00, 7/00,
14/00, 16/00, 17/00

SALEMME, Francis, R. [US/US]; 1970 Timber Lakes
Drive, Yardley, PA 19067 (US).

(21) International Application Number:
PCT/US2002/029661

(74) Agents: **NORTON, Vicky, G.** et al.; Pillsbury Winthrop,
LLP, 11682 El Camino Real,, Suite 200, San Diego, CA
92130-2092 (US).

(22) International Filing Date:
20 September 2002 (20.09.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/398,023 24 July 2002 (24.07.2002) US

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,
SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): **3-DI-
MENSIONAL PHARMACEUTICALS, INC.** [US/US];
Three Lower Makefield Corporate Center, 1020 Stony Hill
Road, Suite 300, Yardley, PA 19067 (US).

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK,
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **RENTZEPERIS**,
Dionisios [US/US]; 406 Carpenters Cove Lane, Down-
ingtown, PA 19335 (US). **ASKARI**, Hossein [IR/US];
924 Railway Square, West Chester, PA 19380 (US).
SPRINGER, Barry, A. [US/US]; 208 Charleston Drive,
Wilmington, DE 09808 (US). **BONE, Roger, F.** [US/US];
797 Garfield Avenue, Bridgewater, NJ 08807 (US).

Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: METHOD FOR THE IDENTIFICATION OF LIGANDS

(57) **Abstract:** The present invention relates generally to a method of identifying ligands that modulate protein-protein interactions. More particularly, the present invention relates to methods of determining agonists or antagonists of a co-regulator dependent target molecule based on the ability to modify the stability of the target molecule.

WO 2004/010141 A1